

arranged in a plane-like state and passing the fluid there through while drawing and discharging, and a magnetic force device for applying and removing a magnetic field to and from the nozzles respectively in a manner that the neighborhood of each nozzle exterior remains stationary.

2. (Amended) An apparatus for an integrated process of magnetic particles according to Claim 1, wherein said magnetic force device can apply and remove the magnetic force to and from said nozzles respectively by enabling magnetization and demagnetization in a nozzle outer member brought in contact with or being near the outer surface of said nozzle or at least a part of said nozzle, in a manner that the neighborhood of each nozzle exterior remains stationary.

3. (Amended) An apparatus for an integrated process of magnetic particles according to Claim 2, wherein said magnetic force device comprises a magnetic member made of a magnetic material and provided with a plurality of through sections arranged in a plane-like state and capable of taking insertion of nozzles, wherein said nozzle outer member is a wall of said through sections.

4. (Amended) An apparatus for an integrated process of magnetic particles according to Claim 2 [or Claim 3], wherein said nozzle outer member of the magnetic force device or a part of said nozzle comprises divided parts that are divided in two, wherein the divided parts are apart from one another in a manner that the divided parts have mutually opposite magnetic polarities.

5. (Amended) An apparatus for an integrated process of magnetic particles according to Claim 4, wherein said magnetic force device comprises a magnetic source having an electromagnet or a permanent magnet, two magnetic plates made of magnetic material and connecting with the electromagnet or capable of connecting with the permanent magnet and capable of being magnetized and demagnetized, and mounted in face-to-face relationship in a low and high position, plural through sections arranged in a plane-like state, penetrating the two magnetic plates and capable of taking insertion of the nozzles, a pair of projections mounted in each through section, projecting to the opposite surface of each magnetic plate and made of magnetic materials, wherein the pair of the projections correspond to the nozzle outer

member, and each projection corresponds to the divided parts and are apart from one another in such a manner that they have mutually opposite polarities by magnetization.

14. (Amended) An apparatus for an integrated process of magnetic particles according to Claim 1, wherein said magnetic force device can apply and remove the magnetic force to and from the nozzle in a manner that the neighborhood outside of each nozzle remains stationary.

22. (Amended) An apparatus for an integrated process of magnetic particles according to Claim 1, wherein said drawing/discharging device comprises a reservoir body comprising plural reservoirs arranged in a plane-like state for storing a drawn fluid and communicating with the nozzles, and an increasing/decreasing device for increasing and decreasing pressure within the reservoirs and the nozzles in a manner that draws or discharges the fluid.

23. (Amended) An apparatus for an integrated process of magnetic particles according to Claim 22, wherein said increasing/decreasing device comprises a sliding body capable of moving vertically to and from the reservoir body, and sliding projections arranged in a plane-like state, projecting downward from the sliding body and capable of sliding through the nozzle in such a manner that the pressure within the reservoirs or nozzles increases or decreases.

29. (Amended) An apparatus for an integrated process of magnetic particles according to Claim 1, wherein said entire magnetic force device is constructed to be able to relatively move to and from the entire drawing/discharging device or the whole nozzles, for purposes except for directly applying or removing the magnetic force.

30. (Amended) An apparatus for an integrated process of magnetic particles according to Claim 22, wherein a cleaning liquid can be poured into each reservoir from a passage mounted in the top or side of the reservoir body.

31. (Amended) An apparatus for an integrated process of magnetic particles according to Claim 1, comprising a light measuring device for receiving light from all the

vessels or plural liquid containing parts arranged in a plane-like state, simultaneously or all together and measuring the strength of the light or processing it as an image in order to measure a state of light emission.

32. (Amended) An apparatus for an integrated process of magnetic particles according to Claim 31, wherein the light measuring device comprises plural receiving components arranged in a plane-like state, mounted at places corresponding to the liquid containing parts and having the same number as that of the liquid containing part, and shading fences mounted between neighboring receiving components for preventing light entering to other than the corresponding liquid containing part.

33. (Amended) A magnetic apparatus comprising, plural outer members capable of being mounted to an dismounted from a pipette device having a drawing/ discharging device for drawing and discharging a liquid, and plural nozzles arranged in a plane-like state through the interior of which liquid passes due to the drawing and discharging, one or more vessels arranged with plural liquid containing parts in a plane-like state, or column clusters arranged by plural columns in a plane-like state, and capable of being brought into contact with or approaching to each outer surface of each nozzle, each liquid containing part or each column, while being mounted to the pipette device, the vessel or the column cluster, and a magnetic force device for applying a magnetic force to or removing the magnetic force from each nozzle, each liquid containing part or each column in a state with the neighborhood remaining stationary, by magnetizing and demagnetizing the outer members or by generating or extinguishing the magnetic fields with coils which are mounted around each nozzle, each liquid containing part or each column while fitting to the pipette device, the vessel or the column cluster.

34. (Amended) A magnetic apparatus according to Claim 33, wherein said magnetic force device is the magnetic force device [according to any one of Claims 3 to 21] as applied to the nozzles, liquid containing parts or columns.

35. (Amended) An apparatus for an integrated process of magnetic particles according to [any one of] Claim[s] 1 [to 34], wherein plural nozzles, plural through sections, plural reservoirs, plural sliding projections, plural hole parts, plural pushing pipes, plural

liquid containing parts of the vessel, plural columns of the column cluster or plural receiving components are arranged in a plane-like state with a predetermined periodicity or a predetermined symmetry such as [row-shaped] a matrix-shaped, annular ring-shaped, polygonally, or radially.

37. (Amended) An apparatus for an integrated process of magnetic particles according to [any one of Claims 1 to 32, Claim 35 and Claim 36] Claim 1, comprising a driving mechanism for driving the drawing/discharging device to draw and discharge, a magnetic controller for controlling the magnetic force of the magnetic force device, a transfer mechanism for transferring between vessels placed outside the pipette device, and the drawing/discharging device and the magnetic force device or between the drawing /discharging device and the nozzles and the magnetic force device, and an integrated process controller for controlling an integrated process of magnetic particles by unitedly controlling at least the driving mechanism, the magnetic controller, and the transferring mechanism in a coordinate fashion according to instructions.

42. (Amended) A method of controlling apparatus for an integrated process of magnetic particles comprising the steps of:

drawing or discharging all together a fluid to or from a vessel comprising plural liquid containing parts arranged in a plane-like state by drawing/discharging device mounted in the apparatus for an integrated process according to any one of the first to thirty second aspects, or the thirty fifth to forty fifth aspects,

an applying the magnetic force to or removing the magnetic force from the nozzles arranged in a plane-like state in a state that the neighborhood of the outside of the nozzles remains stationary, by generating or extinguishing the magnetic field with magnetization and demagnetization of the nozzle outer members arranged in a plane-like state and mounted in contact with or near the periphery of the nozzles or a part of the nozzles, or by generation or extinguishing the magnetic field with a coil wound around the periphery of each nozzle.

43. (Amended) A method of controlling the apparatus for an integrated process of magnetic particles according to Claim 42 comprising further the steps of:

mixing magnetic particles and the target substances by drawing and discharging all together with the apparatus for an integrated process, to make a suspension incorporating the